

**EXHIBIT A****PATENT**

Docket No. 57453US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Fleming et al. )  
Serial No.: 10/051,745 )  
Confirmation No.: 5471 )  
Filed: January 15, 2002 )  
For: MICRONEEDLE DEVICES AND METHODS OF MANUFACTURE )

Group Art Unit: 3763  
Examiner: Unassigned

**SUBMISSION OF DRAWINGS UNDER 37 C.F.R. §1.85**

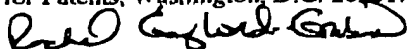
Assistant Commissioner for Patents  
Washington D.C. 20231

Sir/Madam:

Attached please find 7 sheets of Formal Drawings for the above-identified patent application. Please contact the undersigned attorney if you have any questions.

**CERTIFICATE UNDER 37 C.F.R. §1.10:**

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Kevin W. Raasch - Gebhardt*

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Date of Deposit: May 29, 2002

Respectfully submitted for

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